

Docket No.: HAS-008.01
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Wolfgang Bachmann *et al.*

Patent No.: 7,236,601

Issued: June 26, 2007

For: PANEL LOUDSPEAKER

REQUEST FOR CERTIFICATE OF CORRECTION OF OFFICE MISTAKE
PURSUANT TO 37 CFR 1.322

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

In the Specification:

At column 2, line 30, delete the word “a” after “same”.

In the Claims:

In Claim 3, delete “characterized in,”.

In Claim 8, insert --element-- after "connecting".

The errors were not caused by Patentee. *See* Specification as filed on November 9, 2000, on p. 3, lines 13-14 for the specification error (copy attached). *See* Claims presented with amendment dated June 23, 2004 for the claim errors (copy attached).

Transmitted herewith is a proposed Certificate of Correction effecting such amendments. Patentee respectfully solicits the granting of the requested Certificate of Correction.

Because each error was the fault of the Office, no fee is required. Patentee nevertheless authorizes the Commissioner to charge any fee required by the filing of this paper to Deposit Account No. 06-1448, ref. HAS-008.01

Dated: July 17, 2007

Respectfully submitted,

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the bass frequency range.

Summary

Description of the invention

~~The object is solved by the characterizing features of claim 1. Advantageous embodiments and improvements are recited in the claims 2 to 9.~~

5 If a panel of a panel loudspeaker is connected with a periphery by way of connecting elements that are under mechanical tension, then additional resonances, in particular low frequency drum resonances, are produced in addition to the existing low frequency panel resonances. These additional resonances can be tuned by adjusting the tension in the connecting elements.

10 It should be pointed out at this point that the material used for the connecting elements and the pretension in the connecting elements has a significant impact on the reproduction of low-frequency audio signals.

It is not necessary that the tensioned connecting elements have the same tension in different directions.

15 If, ~~according to claim 2~~, the respective connecting elements are formed either by one cover layer or by both cover layers, with the respective cover layer(s) bridging the lateral gap to the periphery, then the periphery and the panel form a very simple unit that can be manufactured easily and inexpensively.

20 If, ~~according to claim 3~~, the respective periphery is formed by a frame, then such assemblies can be easily connected with other objects, because the required tension in the cover layer(s) and/or the connecting elements can be produced with high quality already at the place of manufacture.

The panel loudspeakers according to the invention can not only be used as stand-alone sound reproduction units. Instead or in addition, ~~according to claim~~
25 ~~4~~ several panel loudspeakers can also be combined into a larger acoustic wall, without the need to directly connect the individual panel with a periphery that is not excited by drivers. It has been observed in the context of the present

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PENDING CLAIMS

(no claim amendments; presented for the Examiner's convenience)

1. (Previously presented) Panel loudspeaker comprising
at least one sound radiating panel having a core layer and at least one cover layer
connected with the core layer,
a periphery that surrounds the at least one sound radiating panel with a lateral gap,
and
at least one connecting element that connects the at least one sound radiating panel
with the periphery,
wherein the at least one connecting element is under mechanical tension when
connected with the periphery, and
wherein regions of the at least one cover layer that are connected with the core
layer are also under mechanical tension.
2. (Previously presented) Panel loudspeaker according to claim 1,
wherein the at least one connecting element is formed by the at least one cover
layer of respective sound radiating panel in that at least one of the cover
layers of the respective sound radiating panel extends to the periphery.
3. (Previously presented) Panel loudspeaker according to claim 1, wherein the periphery
is formed by a frame.
4. (Previously presented) Panel loudspeaker according to claim 1, wherein the periphery
is formed by at least one additional panel.
5. (Previously presented) Panel loudspeaker according to claim 1,
wherein the at least one connecting element is provided with a tension strip
disposed on a marginal edge of the at least one sound radiating panel that is
connected with the periphery,

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wherein the periphery has edges that are contacted by the tension strip when the at least one sound radiating panel is connected with the periphery, and

wherein for a sound radiating panel that has not yet been connected with the periphery, distances between a respective tension strip and coordinate lines extending through a center of a respective sound radiating panel are smaller than distances between the edges and coordinate lines that also extend through a center of the periphery.

6. (Previously presented) Panel loudspeaker according to claim 1, wherein the sound radiating panel is a bass panel adapted to reproduce low-frequency sound.
7. (canceled)
8. (Previously presented) Panel loudspeaker according to claim 1, wherein at least one of the core layer and the at least one connecting element is provided with a damping element.
9. (Previously presented) Panel loudspeaker according to claim 8, wherein a mechanical tension in the at least one connecting element is different from the mechanical tension in the at least one tensioned cover layer.

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CERTIFICATE OF CORRECTION**

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PATENT NO. : 7,236,601
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INVENTOR(S) : Wolfgang Bachmann *et al.*

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2,
Line 30, delete the word "a".

Column 6,
Claim 3, lines 23 and 24, delete "characterized in,".
Claim 8, line 53, insert --element-- after "connecting".

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